Neuroscience Letters, 141 (1992) 277–280
Elsevier Scientific Publishers Ireland Ltd.

AUTHOR INDEX

Abe, T., see Tohgi, H., 5
Abe, T., see Tohgi, H., 9
Abó, V., Viera, L. and Dajas, F., Different functional pools of acetylcholinesterase induce changes in rat locus coeruleus noradrenaline metabolism, 111
Adroer, R., Chartier-Harlin, M.-C., Crawford, F. and Oliva, R., Improved direct sequencing of Alzheimer's amyloid precursor protein (APP) exons 16 and 17, 69
Allegrini, P.R., see Sauer, D., 131
Amacker, H., see Sauer, D., 131
Anand, U., see Baranowski, A.P., 53
Aoki, N., see Mori, M., 151
Arendt, T., see Brückner, M.K., 251

Bai, D., see Wafford, K.A., 273
Banczerowski-Pelyhe, I., see Világi, I., 262
Baranowski, A.P., Anand, U. and McMahon, S.B., Retrograde labelling of dorsal root ganglion cells in the rat: a quantitative and morphological comparison of Fluoro-Gold with horseradish peroxidase labelling, 53
Bartana, A., see Gross-Isseroff, R., 115
Beitz, A.J., see Tallaksen-Green, S.J., 79
Beldhuis, H.J.A., Koolhaas, J.M. and Bohus, B., Effect of different agonistic experiences on behavioural seizures in fully amygdala kindled rats, 1
Bench, C.J., see Friston, K.J., 106
Berman, R.F., see Janusz, C.A., 247
Bernasconi, R., see Sauer, D., 131
Bohus, B., see Beldhuis, H.J.A., 1
Borst, A., see Warzecha, A.-K., 119
Bouchard, J.-P., see Huard, J., 181
Bourre, J.M., see Buard, A., 72
Bourre, J.M. and Piciotti, M., Delta-6 desaturation of alpha-linolenic acid in brain and liver during development and aging in the mouse, 65
Brosius, J., see Tiedge, H., 136
Brückner, M.K. and Arendt, T., Intracortical grafts of purified astrocytes ameliorate memory deficits in rat induced by chronic treatment with ethanol, 251
Buard, A., Clement, M. and Bourre, J.M., Developmental changes in enzymatic systems involved in protection against peroxidation in isolated rat brain microvessels, 72

Cai, N.-s. and Erdö, S.L., The effects of kainate and the glutamate agonist, AMPA, are not separable in rat neocortical cultures, 57
Caudle, R.M., see Simmons, M.L., 84
Chan, J.Y.H., see Chen, K.-K., 218
Chan, S.H.H., see Chen, K.-K., 218
Chang, L.S., see Chen, K.-K., 218
Chartier-Harlin, M.-C., see Adroer, R., 69
Chase, M.H., see Engelhardt, J.K., 43
Chavkin, C., see Simmons, M.L., 84
Chen, K.-K., Chan, J.Y.H., Chang, L.S., Chen, M.-T. and Chan, S.H.H., Elicitation of penile erection following activation of the hippocampal formation in the rat, 218
Chen, M.-T., see Chen, K.-K., 218
Cherubini, E., see Kilić, G., 231
Chiu, T.-H., see Hwang, H.-M., 227
Clement, M., see Buard, A., 72
Coggeshall, R.E., see Westlund, K.N., 35
Côté, P.-Y., see Huard, J., 181
Couteaux, R., see Mira, J.-C., 223
Cowen, P.J., see Friston, K.J., 106
Crawford, F., see Adroer, R., 69

d'Albis, A., see Mira, J.-C., 223
da Silva, F.H.L., see Kamphuis, W., 101
Dajas, F., see Abó, V., 111
De Roy, G., see Schiffmann, S.N., 39
De Vuyst, M., see Schiffmann, S.N., 39
Demura, H., see Yamada, H., 143
DeWille, J.W. and Farmer, S.J., Quaking phenotype influences brain lipid-related mRNA levels, 195
Dieguez, C., see Señaris, R.M., 123
Dolan, R., see Friston, K.J., 106
Dominguez, F., see Señaris, R.M., 123
Dräger, U.C., see Tiedge, H., 136
Dux, E., Oschlies, U., Wiessner, C. and Hossmann, K.-A., Glutamate-induced ribosomal disaggregation and ultrastructural changes in rat cortical neuronal culture: protective effect of horse serum, 173

Egelhaaf, M., see Warzecha, A.-K., 119
Engelhardt, J.K. and Chase, M.H., Passive electrophysiological properties of aged and axotomized cat spinal cord motoneurons: the effect of cell size and electrode shunt, 43
Erdö, S.L., see Cai, N.-s., 57
Eto, S., see Yamamoto, S., 147
Evinger, M.J., see Shirao, T., 208

Fagg, G.E., see Sauer, D., 131
Farb, D.H., see Irwin, R.P., 30
Farmer, S.J., see DeWille, J.W., 195
Ferrell, W.R., Lam, F.Y. and Montgomery, I., Differences in the axon composition of nerves supplying the rat knee joint following intra-articular injection of capsaicin, 259
Frackowiak, R.S.J., see Friston, K.J., 106
Friston, K.J., Grasby, P.M., Bench, C.J., Frith, C.D., Cowen, P.J., Liddle, P.F., Frackowiak, R.S.J. and Dolan, R., Measuring the neuromodulatory effects of drugs in man with positron emission tomography, 106
Frith, C.D., see Friston, K.J., 106
Fujioka, K., see Yamamoto, S., 161
Fujita, T., see Yamamoto, S., 161
Fujiwara, T., see Takakura, S., 199
Fukuuchi, Y., see Naganuma, Y., 13

Goldman, S., see Schiffmann, S.N., 39
Gołębiewski, H., see Konopacki, J., 93
Gorter, J.A., see Kamphuis, W., 101
Gorzalka, B.B., see Watson, N.V., 25
Gotoh, J., see Naganuma, Y., 13
Grasby, P.M., see Friston, K.J., 106

Gross-Isseroff, R., Ophir, D., Bartana, A., Voet, H. and Lancet, D., Evidence for genetic determination in human twins of olfactory thresholds for a standard odorant, 115

Handa, H., see Hosaka, Y., 139
Hansen, S., see Tabatabaei, A., 192
Hasegawa, H., see Wada, Y., 21
Haugstad, T.S., Hegstad, E. and Langmoen, I.A., Calcium dependent release of γ-aminobutyric acid (GABA) from human cerebral cortex, 61
Hayakawa, T., see Yamamoto, S., 161
Hayashi, F., see Mitchell, G.S., 75
Hayashi, T., see Mizuno, A., 47
Hegstad, E., see Haugstad, T.S., 61
Henderson, G., see Hicks, G.A., 213
Heyes, M.P., see Swain, M.G., 243
Heyman, P., see Schiffmann, S.N., 39
Hicks, G.A. and Henderson, G., Lack of evidence for coupling of the dopamine D_2 receptor to an adenosine triphosphate-sensitive potassium ($ATP\text{-}K^+$) channel in dopaminergic neurones of the rat substantia nigra, 213
Hölzer, H., see Raybould, H.E., 236
Hosaka, Y., Kitamoto, A., Shimojo, M., Nakajima, K., Imai, Y., Handa, H. and Kohsaka, S., Generation of microglial cell lines by transfection with simian virus 40 large T gene, 139
Hossmann, K.-A., see Dux, E., 173
Huard, J., Côté, P.-Y., Parent, A., Bouchard, J.-P. and Tremblay, J.P., Dystrophin-like immunoreactivity in monkey and human brain areas involved in learning and motor functions, 181
Hu-Tsai, M.-i., Winter, J. and Woolf, C.J., Regional differences in the distribution of capsaicin-sensitive target-identified adult rat dorsal root ganglion neurons, 16
Hwang, H.-M., Wang, J.-T. and Chiu, T.-H., Effects of exogenous GM1 ganglioside on LTP in rat hippocampal slices perfused with different concentrations of calcium, 227

Iacovitti, L., see Shirao, T., 208
Imai, Y., see Hosaka, Y., 139
Inomata, M., see Karlsson, J.-O., 127
Irie, T., see Yamamoto, S., 161
Irwin, R.P., Maragakis, N.J., Rogawski, M.A., Purdy, R.H., Farb, D.H. and Paul, S.M., Pregnenolone sulfate augments NMDA receptor mediated increases in intracellular Ca^{2+} in cultured rat hippocampal neurons, 30
Isozumi, K., see Naganuma, Y., 13

Janmot, C., see Mira, J.-C., 223
Janusz, C.A. and Berman, R.F., The A_2-selective adenosine analog, CGS 21680, depresses locomotor activity but does not block amygdala kindled seizures in rats, 247
Jiang, C., see Mitchell, G.S., 75
Jobe, P.C., see Ludvig, N., 187
Jones, E.A., see Swain, M.G., 243

Kamphuis, W., Gorter, J.A., Wadman, W.J. and da Silva, F.H.L., Hippocampal kindling leads to different changes in paired-pulse depression of local evoked field potentials in CA1 area and in fascia dentata, 101
Karlsson, J.-O., Inomata, M. and Kawashima, S., Slow axonal transport of soluble proteins and calpain in retinal ganglion cells of aged rabbits, 127
Kato, A., see Nakajima, T., 156
Kato, K., see Mori, M., 151
Kawashima, S., see Karlsson, J.-O., 127
Kawauchi, K., see Mizuno, A., 47
Kikuchi, T., see Tohgi, H., 9
Kilić, G., Sciancalepore, M. and Cherubini, E., Single-channel currents of NMDA type activated by L- and D-homocysteic acid in cerebellar granule cells in culture, 231
Kimura, M., see Tohgi, H., 5
Kimura, M., see Tohgi, H., 9
Kitamoto, A., see Hosaka, Y., 139
Knigge, M.F., see Ter Horst, G.J., 203
Kohsaka, M., see Takakura, S., 199
Kohsaka, S., see Hosaka, Y., 139
Kolb, J., see Scheller, D., 269
Konopacki, J. and Gołębiewski, H., Theta rhythms in the rat medial entorhinal cortex in vitro: evidence for involvement of muscarinic receptors, 93
Koolhaas, J.M., see Beldhuis, H.J.A., 1
Koto, A., see Naganuma, Y., 13
Krieger, C., see Tabatabaei, A., 192
Kuroda, R., see Yamamoto, S., 161

Lago, F., see Señaris, R.M., 123
Lam, F.Y., see Ferrell, W.R., 259
Lancet, D., see Gross-Isseroff, R., 115
Langmoen, I.A., see Haugstad, T.S., 61
Lehmenkühler, A., see Scheller, D., 269
Lewis, M.D., see Señaris, R.M., 123
Liddle, P.F., see Friston, K.J., 106
Lipski, J., see Mitchell, G.S., 75
Lovick, T.A., see Wang*, W.H., 89
Lu, Y., see Westlund, K.N., 35
Ludvig, N., Mishra, P.K. and Jobe, P.C., Dibutyryl cyclic AMP has epileptogenic potential in the hippocampus of freely behaving rats: a combined EEG-intracerebral microdialysis study, 187

Maeda, J.-i., see Nakajima, T., 156
Maragakis, N.J., see Irwin, R.P., 30
Maraishi, S., see Mizuno, A., 47
Mareš, V., see Pavlík, A., 177
Martin, B.M., see Pace, J.R., 97
Martin, P., see Sauer, D., 131
McCann, D.J. and Su, T.-P., Tris inhibits (+)-[^{3}H]SKF-10,047 binding to σ receptors, 239
McMahon, S.B., see Baranowski, A.P., 53
Miletic, V., see Mitchell, G.S., 75
Mira, J.-C., Janmot, C., Couteaux, R. and d'Albis, A., Reinnervation of denervated extensor digitorum longus of the rat by the nerve of the soleus does not induce the type I myosin synthesis directly but through a sequential transition of type II myosin isoforms, 223
Mishra, P.K., see Ludvig, N., 187
Mitchell, G.S., Sloan, H.E., Jiang, C., Miletic, V., Hayashi, F. and Lipski, J., 5-Hydroxytryptophan (5-HTP) augments spontaneous and evoked phrenic motoneuron discharge in spinalized rats, 75
Mizuguchi, T., see Yamamoto, T., 166
Mizuno, A., Hayashi, T., Tashibu, K., Maraishi, S., Kawauchi, K. and Ozaki, Y., Near-infrared FT-Raman spectra of the rat brain tissues, 47
Møller, A.R., see Schmid, U.D., 265
Montgomery, I., see Ferrell, W.R., 259
Mori, J., see Takakura, S., 199
Mori, M., Aoki, N., Shimada, H., Tajima, M. and Kato, K., Detection

of JC virus in the brains of aged patients without progressive multifocal leukoencephalopathy by the polymerase chain reaction and Southern hybridization analysis, 151
Morimoto, I., see Yamamoto, S., 147
Morita-Tsuzuki, Y., see Naganuma, Y., 13

Naganuma, Y., Fukuuchi, Y., Koto, A., Suzuki, N., Morita-Tsuzuki, Y., Isozumi, K., Gotoh, J. and Senda, R., Effects of locus ceruleus lesions on the pericapillary nerve terminals in the feline brain, 13
Nakajima, K., see Hosaka, Y., 139
Nakajima, T., Ono, Y., Kato, A., Maeda, J.-i. and Ohe, T., Y-29794 — a non-peptide prolyl endopeptidase inhibitor that can penetrate into the brain, 156
Nakamura, M., see Wada, Y., 21
Naruse, K., see Yamada, H., 143
Naruse, M., see Yamada, H., 143

Ochi, J., see Yamada, H., 143
Ohe, T., see Nakajima, T., 156
Oliva, R., see Adroer, R., 69
Ono, Y., see Nakajima, T., 156
Ophir, D., see Gross-Isseroff, R., 115
Oschlies, U., see Dux, E., 173
Ozaki, Y., see Mizuno, A., 47

Pace, J.R., Martin, B.M., Paul, S.M. and Rogawski, M.A., High concentrations of neutral amino acids activate NMDA receptor currents in rat hippocampal neurons, 97
Parent, A., see Huard, J., 181
Patterson, T.A., see Sandi, C., 255
Paul, S.M., see Irwin, R.P., 30
Paul, S.M., see Pace, J.R., 97
Pavlík, A. and Mareš, V., Spontaneous hemorrhage in the cerebral cortex of immature rats, 177
Penney, J.B., see Tallaksen-Green, S.J., 79
Perry, T.L., see Tabatabaei, A., 192
Piciotti, M., see Bourre, J.M., 65
Purdy, R.H., see Irwin, R.P., 30

Raybould, H.E. and Hölzer, H., Dual capsaicin-sensitive afferent pathways mediate inhibition of gastric emptying in rat induced by intestinal carbohydrate, 236
Reis, D.J., see Shirao, T., 208
Rogawski, M.A., see Irwin, R.P., 30
Rogawski, M.A., see Pace, J.R., 97
Rose, S.P.R., see Sandi, C., 255

Sandi, C., Rose, S.P.R. and Patterson, T.A., Unilateral hippocampal lesions prevent recall of a passive avoidance task in day-old chicks, 255
Satoh, H., see Takakura, S., 199
Sattelle, D.B., see Wafford, K.A., 273
Sauer, D., Martin, P., Allegrini, P.R., Bernasconi, R., Amacker, H. and Fagg, G.E., Differing effects of α-difluoromethylornithine and CGP 40116 on polyamine levels and infarct volume in a rat model of focal cerebral ischaemia, 131
Scanlon, M.F., see Señaris, R.M., 123
Scheller, D., Kolb, J., Tegtmeier, F. and Lehmenkühler, A., Extracellular changes of inorganic phosphate are different during spreading depression and global cerebral ischemia of rats, 269
Schiffmann, S.N., Goldman, S., Heyman, P., De Vuyst, M., De Roy, G. and Vanderhaeghen, J.-J., Ontogeny of cholecystokinin receptors in the human striatum, 39
Schmid, J., see Schmid, U.D., 265
Schmid, U.D., Møller, A.R. and Schmid, J., The excitation site of the trigeminal nerve to transcranial magnetic stimulation varies and lies proximal or distal to the foramen ovale: an intraoperative electrophysiological study in man, 265
Sciancalepore, M., see Kilić, G., 231
Señaris, R.M., Lago, F., Lewis, M.D., Dominguez, F., Scanlon, M.F. and Dieguez, C., Differential effects of in vivo estrogen administration on hypothalamic growth hormone releasing hormone and somatostatin gene expression, 123
Senda, R., see Naganuma, Y., 13
Shimada, H., see Mori, M., 151
Shimojo, M., see Hosaka, Y., 139
Shirao, T., Evinger, M.J., Iacovitti, L. and Reis, D.J., Lesions of nigrostriatal pathway reduce expression of tyrosine hydroxylase gene in residual dopaminergic neurons of substantia nigra, 208
Simmons, M.L., Wagner, J.J., Caudle, R.M. and Chavkin, C., Endogenous opioid regulation of norepinephrine release in guinea pig hippocampus, 84
Sloan, H.E., see Mitchell, G.S., 75
Sogabe, K., see Takakura, S., 199
Su, T.-P., see McCann, D.J., 239
Suzuki, N., see Naganuma, Y., 13
Swain, M.G., Heyes, M.P., Vergalla, J. and Jones, E.A., Methionine enkephalin accumulates in plasma but not in brain or cerebrospinal fluid of rats with acute toxic hepatitis, 243

Tabatabaei, A., Perry, T.L., Hansen, S. and Krieger, C., Partial protective effect of MK-801 on MPTP-induced reduction of striatal dopamine in mice, 192
Tajima, M., see Mori, M., 151
Takahashi, H., see Yamada, H., 143
Takahashi, J., see Tohgi, H., 9
Takahashi, S., see Tohgi, H., 5
Takahashi, S., see Tohgi, H., 9
Takakura, S., Sogabe, K., Satoh, H., Mori, J., Fujiwara, T., Totsuka, Z., Tokuma, Y. and Kohsaka, M., Nilvadipine as a neuroprotective calcium entry blocker in a rat model of global cerebral ischemia. A comparative study with nicardipine hydrochloride, 199
Tallaksen-Green, S.J., Young, A.B., Penney, J.B. and Beitz, A.J., Excitatory amino acid binding sites in the trigeminal principal sensory and spinal trigeminal nuclei of the rat, 79
Tarnawa, I., see Világi, I., 262
Tashibu, K., see Mizuno, A., 47
Tegtmeier, F., see Scheller, D., 269
Ter Horst, G.J., Knigge, M.F. and Van der Wal, A., Neurochemical lesioning in the rat brain with iontophoretic injection of the 1-methyl-4-phenylpyridinium ion (MPP^+), 203
Tiedge, H., Dräger, U.C. and Brosius, J., Murine BC1 RNA in dendritic fields of the retinal inner plexiform layer, 136
Tohgi, H., Abe, T., Takahashi, S., Kimura, M., Takahashi, J. and Kikuchi, T., Concentrations of serotonin and its related substances in the cerebrospinal fluid in patients with Alzheimer type dementia, 9
Tohgi, H., Abe, T., Takahashi, S. and Kimura, M., A selective reduction of excitatory amino acids in cerebrospinal fluid of patients with Alzheimer type dementia compared with vascular dementia of the Binswanger type, 5
Tokuma, Y., see Takakura, S., 199

Totsuka, Z., see Takakura, S., 199
Treede, R.-D., Vasodilator flare due to activation of superficial cutaneous afferents in humans: heat-sensitive versus histamine-sensitive fibers, 169
Tremblay, J.P., see Huard, J., 181

Van der Wal, A., see Ter Horst, G.J., 203
Vanderhaeghen, J.-J., see Schiffmann, S.N., 39
Vergalla, J., see Swain, M.G., 243
Viera, L., see Abó, V., 111
Világi, I., Tarnawa, I. and Banczerowski-Pelyhe, I., Development of long-term potentiation in the somatosensory cortex of rats of different ages, 262
Voet, H., see Gross-Isseroff, R., 115

Wada, Y., Nakamura, M., Hasegawa, H. and Yamaguchi, N., Role of serotonin receptor subtype in seizures kindled from the feline hippocampus, 21
Wadman, W.J., see Kamphuis, W., 101
Wafford, K.A., Bai, D. and Sattelle, D.B., A novel kainate receptor in the insect nervous system, 273
Wagner, J.J., see Simmons, M.L., 84
Wang, J.-T., see Hwang, H.-M., 227
Wang*, W.H. and Lovick, T.A., Excitatory 5-HT_2-mediated effects on rostral ventrolateral medullary neurones in rats, 89
Warzecha, A.-K., Borst, A. and Egelhaaf, M., Photo-ablation of single neurons in the fly visual system reveals neural circuit for the detection of small moving objects, 119
Watson, N.V. and Gorzalka, B.B., Concurrent wet dog shaking and inhibition of male rat copulation after ventromedial brainstem injection of the 5-HT_2 agonist DOI, 25
Westlund, K.N., Lu, Y., Coggeshall, R.E. and Willis, W.D., Serotonin is found in myelinated axons of the dorsolateral funiculus in monkeys, 35
Wiessner, C., see Dux, E., 173
Willis, W.D., see Westlund, K.N., 35
Winter, J., see Hu-Tsai, M.-i., 16
Woolf, C.J., see Hu-Tsai, M.-i., 16

Yamada, H., Naruse, M., Naruse, K., Demura, H., Takahashi, H., Yoshimura, M. and Ochi, J., Histological study on ouabain immunoreactivities in the mammalian hypothalamus, 143
Yamaguchi, N., see Wada, Y., 21
Yamamoto, S., Morimoto, I., Yamashita, H. and Eto, S., Inhibitory effects of endothelin-3 on vasopressin release from rat supraoptic nucleus in vitro, 147
Yamamoto, S., Yoshimine, T., Fujita, T., Kuroda, R., Irie, T., Fujioka, K. and Hayakawa, T., Protective effect of NGF atelocollagen minipellet on the hippocampal delayed neuronal death in gerbils, 161
Yamamoto, T. and Mizuguchi, T., Time-dependent effects of oral morphine on autotomy following brachial nerve section in the rat, 166
Yamashita, H., see Yamamoto, S., 147
Yoshimine, T., see Yamamoto, S., 161
Yoshimura, M., see Yamada, H., 143
Young, A.B., see Tallaksen-Green, S.J., 79

CONTENTS *(continued from the back cover)*

Reinnervation of denervated extensor digitorum longus of the rat by the nerve of the soleus does not induce the type I myosin synthesis directly but through a sequential transition of type II myosin isoforms
J.-C. Mira, C. Janmot, R. Couteaux and A. d'Albis (France) 223
Effects of exogenous GM1 ganglioside on LTP in rat hippocampal slices perfused with different concentrations of calcium
H.-M. Hwang, J.-T. Wang and T.-H. Chiu (ROC) 227
Single-channel currents of NMDA type activated by L- and D-homocysteic acid in cerebellar granule cells in culture
G. Kilić, M. Sciancalepore and E. Cherubini (Italy) 231
Dual capsaicin-sensitive afferent pathways mediate inhibition of gastric emptying in rat induced by intestinal carbohydrate
H.E. Raybould and H. Hölzer (USA) 236
Tris inhibits (+)-[^{3}H]SKF-10,047 binding to σ receptors
D.J. McCann and T.-P. Su (USA) 239
Methionine enkephalin accumulates in plasma but not in brain or cerebrospinal fluid of rats with acute toxic hepatitis
M.G. Swain, M.P. Heyes, J. Vergalla and E.A. Jones (USA) 243
The A_2-selective adenosine analog, CGS 21680, depresses locomotor activity but does not block amygdala kindled seizures in rats
C.A. Janusz and R.F. Berman (USA) 247
Intracortical grafts of purified astrocytes ameliorate memory deficits in rat induced by chronic treatment with ethanol
M.K. Brückner and T. Arendt (FRG) 251
Unilateral hippocampal lesions prevent recall of a passive avoidance task in day-old chicks
C. Sandi, S.P.R. Rose and T.A. Patterson (UK) 255
Differences in the axon composition of nerves supplying the rat knee joint following intra-articular injection of capsaicin
W.R. Ferrell, F.Y. Lam and I. Montgomery (UK) 259
Development of long-term potentiation in the somatosensory cortex of rats of different ages
I. Világi, I. Tarnawa and I. Banczerowski-Pelyhe (Hungary) 262
The excitation site of the trigeminal nerve to transcranial magnetic stimulation varies and lies proximal or distal to the foramen ovale: an intraoperative electrophysiological study in man
U.D. Schmid, A.R. Møller and J. Schmid (USA) 265
Extracellular changes of inorganic phosphate are different during spreading depression and global cerebral ischemia of rats
D. Scheller, J. Kolb, F. Tegtmeier and A. Lehmenkühler (FRG) 269
A novel kainate receptor in the insect nervous system
K.A. Wafford, D. Bai and D.B. Sattelle (UK) 273

Author Index 277